

ABSTRACT

The present invention provides Fab libraries and methods for using the Fab libraries to obtain antibodies against a target. The Fab library of the invention contains at least 10^9 different Fabs, and in 5 some embodiments, at least 10^{10} different Fabs. The Fab libraries of the invention are used to isolate polyclonal or monoclonal Fabs that bind with high specificity to targets.